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(54) WATER-SENSITIVE HOT MELT ADHESIVE FOR APPLICATION TO NONWOVEN FABRIC

(57)Abstract:

PURPOSE: To bond tissues or the like at good efficiency by applying a specified adhesive composition excellent in flexibility, water solubility, water dispersibility, water sensitivity and durability to a substrate.

CONSTITUTION: A molten hot melt adhesive composition comprising 40–85 wt.% at least one vinyl monomer, 50–100 wt.% graft copolymer containing 15–60 wt.% at least polyalkylene oxide polymer having a molecular weight of 3,000 and at least 50 wt.% polymerized ethylene oxide content and 0–50 pts.wt. compatible tackifying resin and having a glass transition temperature of –40 to +40° C is applied to similar or dissimilar substrates to bond tissues or nonwoven fabrics, and yet another substrate is bonded to them.

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